Author Index Volume 58 (1991)

Adler, K.P., 153

Bariou, B., 191
Boxtel, A.J.B. van, 89
Bradley Phippa, J., 71

Cai, F.S., 201

Dytnersky, Yu.I., 139, 147

Furusaki, S., 221

Gradon, L., 201
Grodzinsky, A.J., 153
Guihard, L., 191

Huang, R.Y.M., 33

Imanishi, Y., 1
Inoue, A., 11

Kimura, S., 1
Kiyono, R., 59
Kono, K., 1

Linden, H.J.L.J. van der, 89
Longwell, R.B., 175
Lukáš, J., 49

Mameri, N., 191
Mani, K.N., 117
Matsubara, T., 59
Matsuyama, H., 11
Miyake, Y., 11

Okamoto, J., 221
Orlov, N.S., 139, 147
Osseo-Asare, K., 175
Otten, Z.E.H., 89

Quinson, J.F., 191

Raju, D.B., 211

Saito, K., 221
Scott, E.R., 71
Sekiguchi, O., 59
Singh, V., 211
Srivastava, R.C., 211
Sugo, T., 221

Tasaka, M., 59
Teramoto, M., 11
Tsuneda, S., 221
Tyráčková, V., 49

Upadhyay, S., 211

van Boxtel, A.J.B., 89
van der Linden, H.J.L.J., 89

Weiss, A.M., 153
White, H.S., 71

Xeu, T., 175

Yamamoto, A., 11
Yamashiro, T., 11
Yarmush, M.L., 153
Yeom, C.K., 33
Yu, C.P., 201

Subject Index Volume 58 (1991)

acetic acid/water mixtures, separation of, 33
acid/base production, 117
amino acids, extraction of, 11
amphiphilic polypeptide, 1
aqueous pores, 211

biomembrane analog, 211
biotechnology, 11
bipolar membrane, 117

capillary geometry, 201
cellulose membrane, modified 201
chelating membrane, 221
chemical modification, 221
cholesterol, 211
collodion-based membranes, 59
coupled, facilitated transport, 11
crosslink density, 153

di (2-ethylhexyl) phosphoric acid carrier, 11
diffusion, 11, 175, 201

electrochemistry, 71, 117
electrodialysis, 49, 117
electrodiffusion, 147
electroosmosis, 59
electrophoresis, 71
emulsion liquid membrane, 11

facilitated transport, 71
food industry, 89
fouling, 89

grafting, radiation induced, 221

hollow fiber membranes, 201, 221

interferometry, 147
ion pathways, 71
ion transfer, 175
ion-exchange membranes, 49, 59, 117, 221

kinetics, 147

lecithin, 211
lipid membrane, 1, 211
liquid membrane, 211

mass-transfer study, 147
mass-transfer equation, 139
membrane cascades, 139
membrane preparation and structure, 49
membrane surface, 49
membrane working surface, 139
microporous and porous membrane, 71, 191, 221
model system, 211
model study, 201

Nafion membranes, 175

permeation model, 11
pervaporation, 33
pervaporation separation index, 33
polyamide capsules, 1
polyethylene membrane, 221
poly (methacrylic acid) membranes, 153
polystyrene/polyethylene membrane, sulfonated copolymer, 49
poly (vinyl alcohol) membranes, 33
porous mica membrane, 71
prostaglandins, 211

radial diffusion, 201
relaxation of polymer chains, 59
reverse osmosis, 89
rotating diffusion cell, 175

scanning electrochemical microscopy, 71
sodium chloride permeation, 1
solvent-polymer interaction, 153
swelling, 191

thermoporometry, 191

ultrafiltration, 139, 147, 191

vitamin B12, 201

washing-out, 201
water treatment, 221
whey, 89

X-ray photoelectron spectroscopy, 49